CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)

An ISO 9001-2015 Certified Company

NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Date: 14.09.2021

Job No.: CACE/BBMP/TN/W.No.01/2021-22

PRECAST SLAB 100mm Thick(CORE) TEST REPORT

Client : **Assistant Executive Engineer, Yelahanka** Sub Division, BBMP, Bangalore.

Contractor : **Sri N. Thirunagendra,** Contractor, Bangalore.

Name of Work : "Providing and fixing missing kerb stones ,covering slabs and desilting of drains at Nehrunagara and KHB Colony in Kempegowda ward No-01 of Yelahanka sub division",BBMP,Bangalore.

No.of Sample Tested : 03

Date of Testing : 14.09.2021

Techinical Reference : IS:516-1959 (Reaffirmed 1999), SP-24:1983.

Grade of Concrete : M_{20}

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	50.00	82.00	0.379	2353.94	1.64	0.961	32.20	16.40	17.71	17.02	21.28
2	50.00	84.00	0.392	2376.71	1.68	0.965	33.60	17.11	18.48	17.84	22.30
3	50.00	86.00	0.405	2398.43	1.72	0.970	33.90	17.27	18.65	18.08	22.60

A.E.E

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples Collected at the Site.
3. Any Query regarding the report must be reported reported within 30 days from the date of testing.

For CIVIL AIM CONSULTANTS & ENGINEERS

Authorised Signatory

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